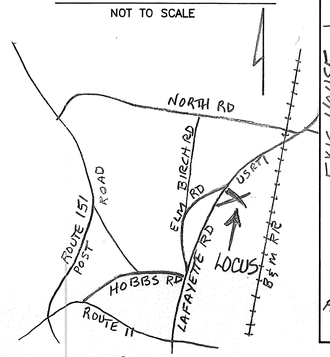
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 510 HOOSIC
(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: REF APPVL DATUM #1997433

#1 SETPK ELEV 91.30

#2 BOTTOM TRIM @ COR SERVICE BLD EL 87.06

DESIGN INTENT: BED BOTTOM TO BE PLACED NO LOWER THAN 3.5' BELOW EXISTING GRADE, UPSLOPE SIDE (EXIS GRADE = 88.5').

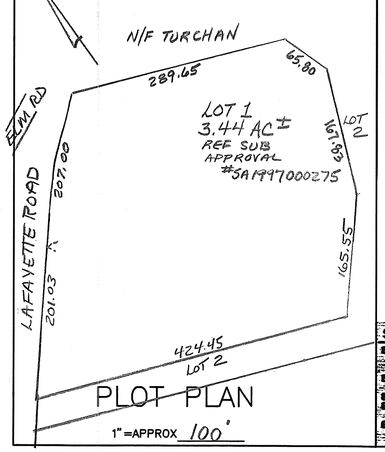
SUITABLE REPLACEMENT AREA:
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

50 (50)	EXISTING CONTOUR / PROPOSED CONTOUR
50.0	EXISTING SPOT ELEVATION
(50.0)	PROPOSED SPOT ELEVATION

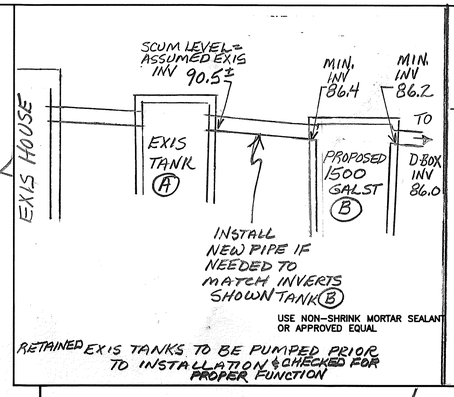
NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
   APPROVED SUBDIVISION PLANS
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: SA1997000275
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR ACTIVE WELL WITHIN 75' OF PROPOSED SYSTEM.
5. INSTALLER MUST NOTIFY DESIGNER IMMEDIATELY OF ANY DISCREPANCIES FOUND OR CHANGES CONSIDERED TO THIS PLAN.

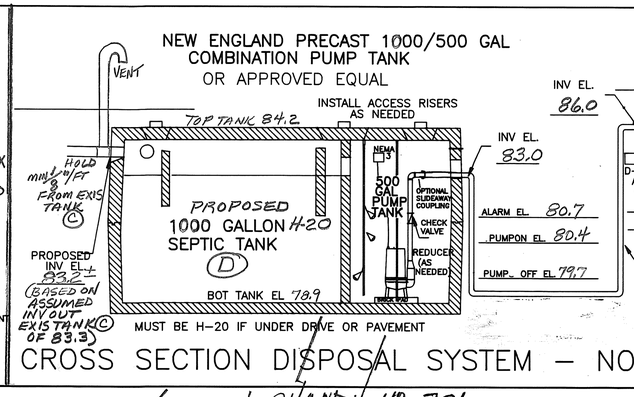


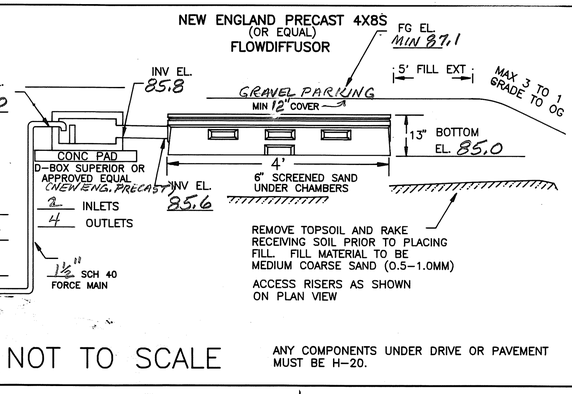
PLOT PLAN

1" =APPROX 100'



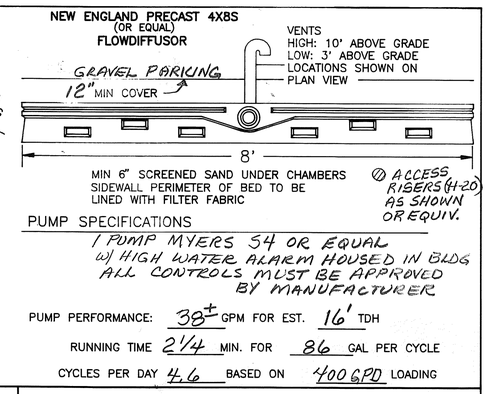
RETAINED EXIS TANKS TO BE PUMPED PRIOR TO INSTALLATION & CHECKED FOR PROPER FUNCTION





CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

ANY COMPONENTS UNDER DRIVE OR PAVEMENT MUST BE H–20.



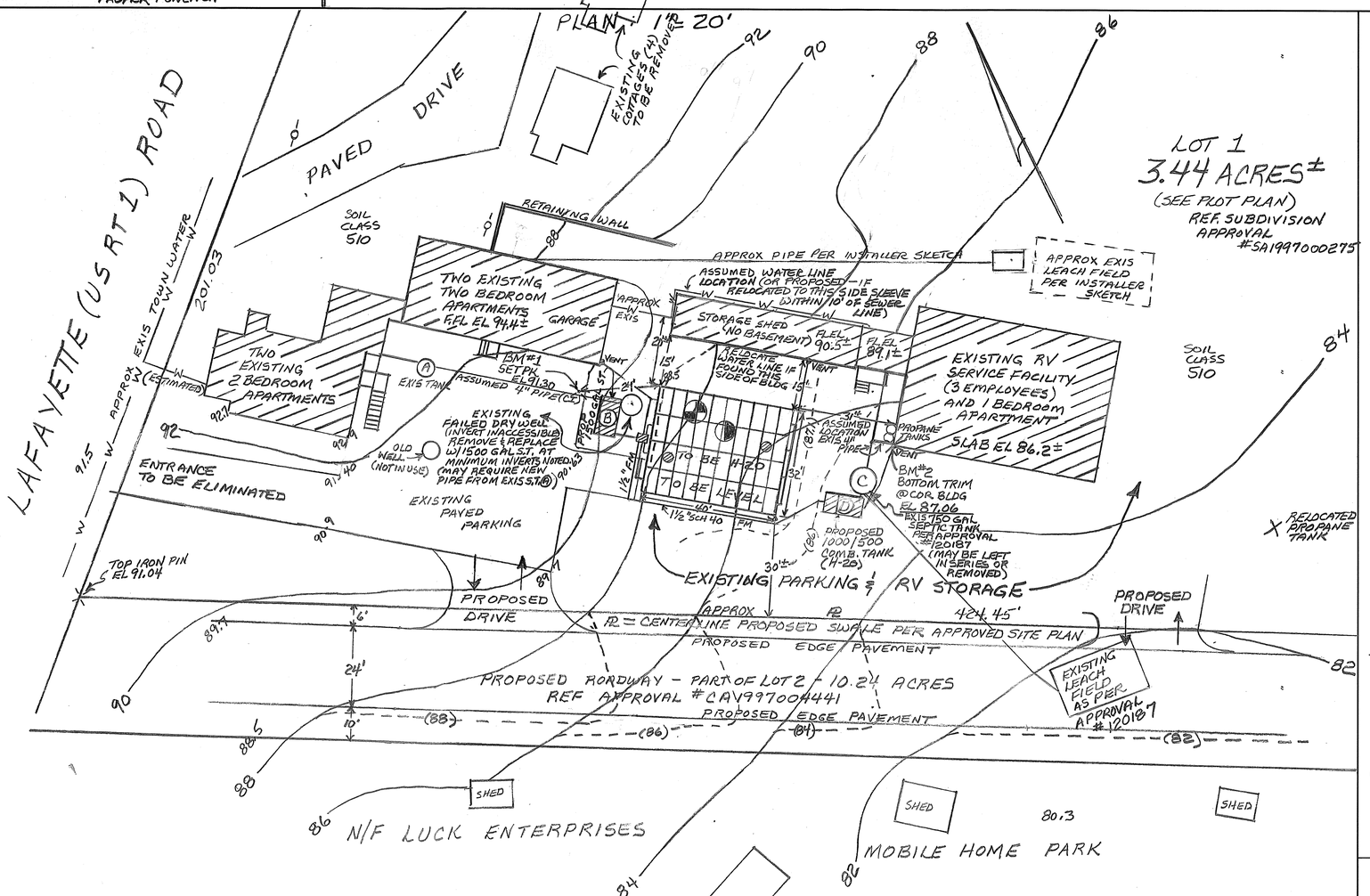
PUMP SPECIFICATIONS

1 PUMP MYERS 54 OR EQUAL
W/ HIGH WATER ALARM HOUSED IN BLDG
ALL CONTROLS MUST BE APPROVED BY MANUFACTURER

PUMP PERFORMANCE: 38± GPM FOR EST. 16' TDH

RUNNING TIME 2¼ MIN. FOR 86 GAL PER CYCLE

CYCLES PER DAY 4.6 BASED ON 400 GPD LOADING



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED VOLUMES OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF OBJECTIONABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TEST PIT DATA

TP

DATE: 10/30/97

TOWN INSPECTOR: N/A

TEST PIT EL 88.0

0-10" 10YR 3/4 LOAM & ROOT MAT

10"-22" 10YR 5/6 GRAVELLY FINE SANDY LOAM GRANULAR FRIABLE, MANY ROOTS

22"-108" MIXED (2.5Y 5/4) GRAVELLY MED TO COARSE SAND, GRANULAR LOOSE

NO EVIDENCE OF SHWT, ROOTS TO 4", NO OBS H_2O, NO REFUSAL

PERC TEST DATA

PT

DATE 10/30/97 PERC RATE: 2 MIN/IN

DESIGN LOADING: TWO 2 BEDRM APTS @ 300 = 600
1 BEDRM APT @ 225 = 225
SERVICE 3 EMP @ 35 = 105 USE 175
TOTAL DESIGN = 1000 GPD

AREA REQUIRED: 125 SF x 10 = 1250 SF REQUIRED

AREA PROPOSED: USE 40 4x8S FLOWDIFFUSORS (H-20)
FOR 32'x40' BED = 1280 SF PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

LOCUS: 121 LAFAYETTE ROAD
NORTH HAMPTON, NH

OWNER: L. RODGERS SMITH
121 LAFAYETTE ROAD
NORTH HAMPTON, NH 03862

NEW HAMPSHIRE Designer of Subsurface Disposal Systems Ann W. Blatchrzeski No. 348 Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03842

DATE: 12/10/97

APPROVAL: CA1997006547